



Substance	CAS #	Short-term AMCV Health (ppb)
benzene	71-43-2	180

#### Legend

- ◆ Maximum Reading (21.22 ppb)
- 0.00 - 0.55
- 0.55 - 2.13
- 2.13 - 4.84
- 4.84 - 8.36
- 8.36 - 21.22

#### What's an AMCV?

AMCV is a collective term used to describe chemical-specific air concentrations used to evaluate air monitoring data that are set to protect human health and welfare. Short-term AMCVs are based on data concerning acute health effects. AMCVs may contain health-based Reference Values (ReVs) and health- and welfare-based ESL values. AMCVs are screening levels used in TCEQ's evaluation of ambient air monitoring data to assess the potential for measured concentrations of specific chemicals to cause health or welfare effects. Health-based AMCVs are safe levels at which exposure is unlikely to result in adverse health effects. ESLs are screening levels used in the TCEQ's air permitting process to establish maximum emission rates that are written into enforceable air permits. Health-based ESLs are set 70 percent lower than the safe level, or AMCV. This additional buffer allows TCEQ to take into account exposure to chemicals from multiple sources in air permit reviews.

## USA EPA REGION 6 TAGA Benzene Runs on 20170905



0 0.1 0.2  
Miles

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